

Converting Colors

$Yxy(48.5084, 0.2957, 0.3259)$

Have a look what the booklet for
Yxy(48.5084, 0.2957, 0.3259)
contains.

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Color

Yxy(48.7028, 0.2960, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	AABDBF
RGB	170, 189, 191
RGB Percent	67%, 74%, 75%
CMY	0.3333, 0.2588, 0.2509
CMYK	0.11, 0.01, 0.00, 0.25
HSL	186°, 14%, 71%
HSV	186°, 11%, 75%
XYZ	44.1803, 48.7028, 56.3746
YIQ	183.5470, -11.9660, -3.4060

Conversions

Conversions Part 2

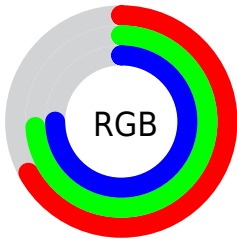
Format	Color
R_{YB}	170, 180, 191
Decimal	11189695
CIE Lab	75.27, -6.07, -3.24
CIE LCh	75, 6.882, 208.102
Yxy	48.7028, 0.2960, 0.3263
Android (android.graphics.Color)	4289379775 (0xFFAABDBF)
YUV	183.5470, 3.6743, -11.8807
Hunter-Lab	69.7874, -9.1250, 0.9564

Details

The Yxy color **48.7028, 0.2960, 0.3263** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.4930, 0.3318, 0.3317**, and the grayscale version is **47.6557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0278, 0.2989, 0.3269**, and **23.2948, 0.2914, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **45.9439, 0.2814, 0.3236**, and if you desaturate by 10%, it is **51.7851, 0.3112, 0.3288**.

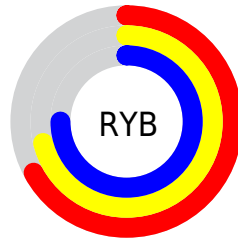
Distribution



Red (67%)

Green (74%)

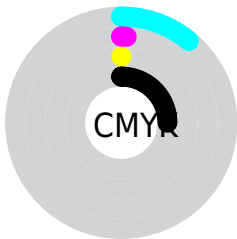
Blue (75%)



Red (67%)

Yellow (71%)

Blue (75%)

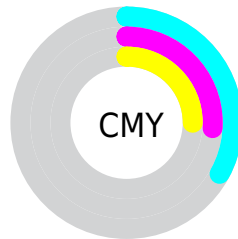


Cyan (11%)

Magenta (1%)

Yellow (0%)

Black (25%)



Cyan (33%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7028, 0.2960, 0.3263 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 48.7028, 0.2960, 0.3263 by changing the saturation by 10% instead.

■ 48.7028, 0.2960,
0.3263

■ 48.7028, 0.2960,
0.3263

■ 381.5711, 0.3043,
0.3277

■ 34.3838, 0.2940,
0.3259

■ 88.2499, 0.2990,
0.3268

■ 23.1886, 0.2914,
0.3255

■ 114.2467, 0.3001,
0.3270

■ 14.7328, 0.2879,
0.3248

■ 144.9050, 0.3011,
0.3272

■ 8.6321, 0.2832,
0.3239

■ 180.6091, 0.3019,
0.3273

■ 4.5020, 0.2762,
0.3225

■ 221.7433, 0.3026,
0.3274

■ 1.9581, 0.2649,
0.3200

■ 268.6921, 0.3032,

■ 0.5830, 0.2194,

0.3275

0.3151

321.8399, 0.3038,
0.3276

0.0000, 0.0000,
0.0000

48.7028, 0.2960,
0.3263

48.7028, 0.2960,
0.3263

45.9439, 0.2814,
0.3236

51.7851, 0.3112,
0.3288

43.4889, 0.2678,
0.3208

55.1973, 0.3267,
0.3310

41.3256, 0.2554,
0.3177

58.9531, 0.3422,
0.3330

39.4386, 0.2444,
0.3146

63.0638, 0.3577,
0.3348

37.8110, 0.2351,
0.3113

65.4922, 0.3643,
0.3366

■ 36.4237, 0.2277,
0.3080

■ 66.3372, 0.3638,
0.3385

■ 35.2555, 0.2221,
0.3047

■ 67.1924, 0.3634,
0.3404

■ 34.2805, 0.2184,
0.3014

■ 68.0578, 0.3629,
0.3422

■ 33.5244, 0.2163,
0.2985

■ 68.9335, 0.3624,
0.3441

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.7028, 0.3019, 0.3349



48.7028, 0.2960, 0.3263



48.7028, 0.2945, 0.3186

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.7028, 0.2960, 0.3263



48.7028, 0.3144, 0.3165



48.7028, 0.3278, 0.3443

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48.7028, 0.2960, 0.3263



43.4930, 0.3318, 0.3317

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.7028, 0.3313, 0.3391



48.7028, 0.2960, 0.3263



48.7028, 0.3235, 0.3231

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.7028, 0.2960, 0.3263



48.7028, 0.3050, 0.3131



48.7028, 0.3297, 0.3313



48.7028, 0.3203, 0.3455

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.7028, 0.2960, 0.3263



48.7028, 0.2961, 0.3150



48.7028, 0.3297, 0.3313



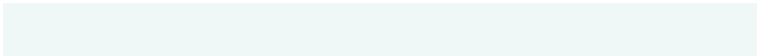
48.7028, 0.3295, 0.3430

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48.7048, 0.2960, 0.3263



91.5498, 0.3080, 0.3283



48.7862, 0.3101, 0.3548



20.0024, 0.3068, 0.3281



97.7402, 0.3127, 0.3290



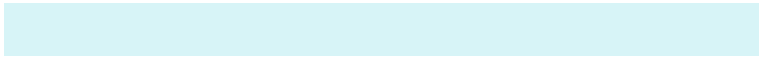
20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.7048, 0.2960, 0.3263



86.0722, 0.2927, 0.3257



44.4516, 0.2958, 0.3127



10.6486, 0.2985, 0.3267



22.0908, 0.2164, 0.2990



0.9113, 0.2185, 0.3067

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.5020, 0.3157, 0.3048



75.0854, 0.3163, 0.2999



47.5449, 0.3302, 0.3448



9.6801, 0.3152, 0.3085



9.2598, 0.3463, 0.1682



0.3674, 0.3395, 0.1644

Previews

White Background



This preview shows how the Yxy color 48.7028, 0.2960, 0.3263 looks on a white background.

Color Contrast Check

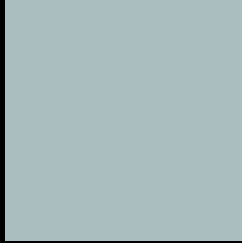
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 48.7028, 0.2960, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

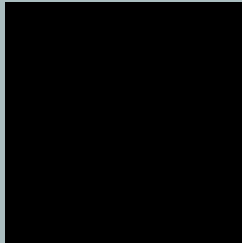
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

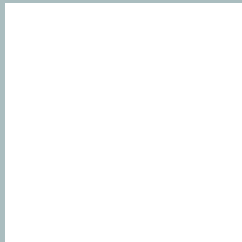
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.7028, 0.2960, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 48.7028, 0.2960, 0.3263.



This preview shows how white text looks on a background with the Yxy color 48.7028, 0.2960, 0.3263.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

48.7028, 0.2960, 0.3263

Protanopia

48.4766, 0.3121, 0.3239

Deuteranopia

48.6349, 0.3186, 0.3130



Tritanopia

48.5756, 0.2897, 0.3096

Trichromacy



Original Color

48.7028, 0.2960, 0.3263

Protanomaly

48.6157, 0.3063, 0.3251

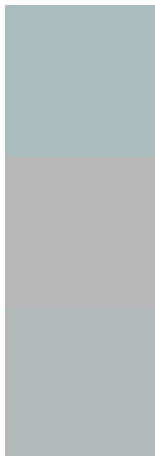
Deuteranomaly

48.3641, 0.3099, 0.3176

Tritanomaly

48.7016, 0.2918, 0.3160

Monochromacy



Original Color

48.7028, 0.2960, 0.3263

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.2894, 0.3062, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7028, 0.2960, 0.3263 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(170, 189, 191)` looks like.

```
.text, #text, p{  
    color:rgb(170, 189, 191)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(170, 189, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 189, 191) }
```

Border

The CSS property to change the border of an element to Yxy 48.7028, 0.2960, 0.3263 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 189, 191) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(170, 189, 191) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(170, 189, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 189, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 189, 191);  
box-shadow:4px 4px 4px 4px rgb(170, 189,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7028, 0.2960, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 189, 191) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(170,  
189, 191) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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